Presto by TOWER

PT670001

9000 BTU 3-IN-1 AIR CONDITIONER, DEHUMIDIFIER AND COOLING FAN

Call us first, we can help.
With advice, spares and returns.
Visit our website: towerhousewares.co.uk
Call:+44 (0)333 220 6066
(8.30am to 6.00pm Monday-Friday)

2* YEAR GUARANTEE

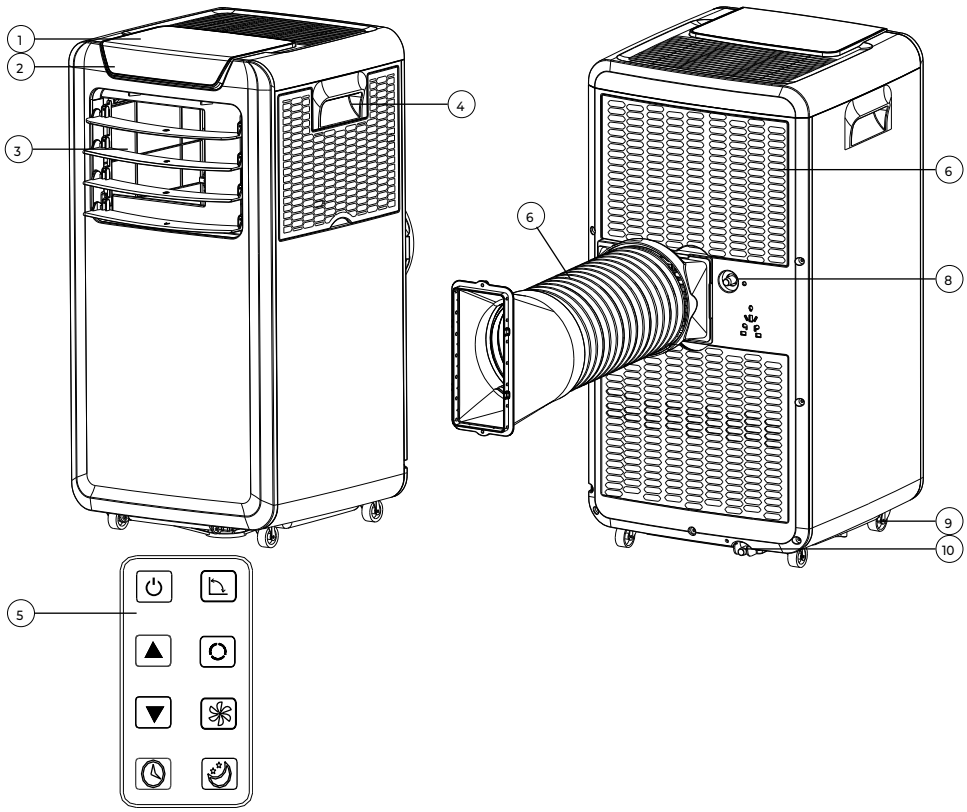
SAFETY AND INSTRUCTION MANUAL
PLEASE READ CAREFULLY

*Subject to registering your Extended Guarantee online at www.towerhousewares.co.uk.

Specifications:

This box contains:
Air Conditioner
Remote Control
Air Exhaust Window Kit

1. Control Panel
2. Remote Receiver
3. Air Outlet Vent
4. Handle
5. Remote Control
6. Air Exhaust Duct
7. Air Intake Vent
8. Continuous Drain Hole
9. Drain hole
10. Wheels



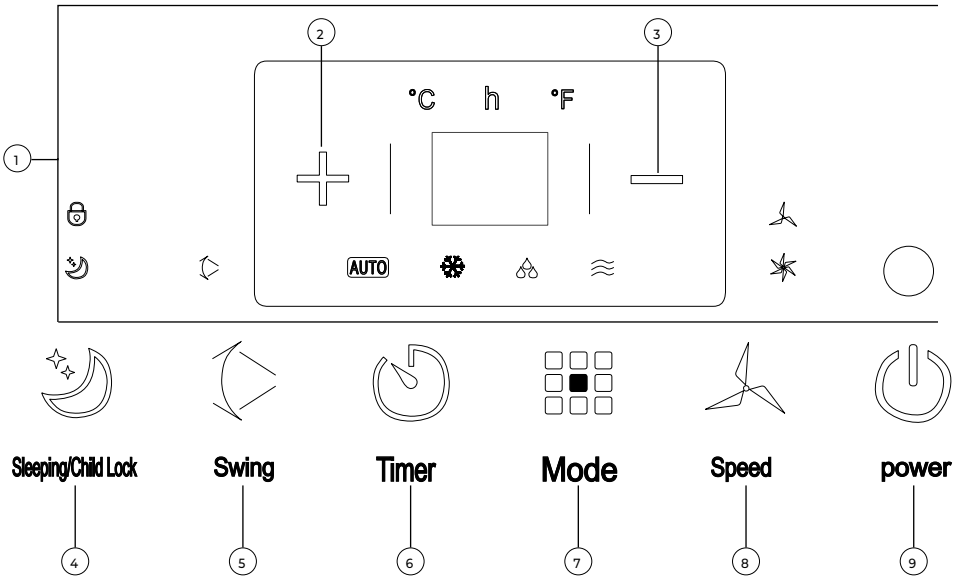
Technical data

Description:	3-IN-1 Air Conditioner, Dehumidifier And Cooling Fan
Model:	PT670001
Rated Voltage:	220 - 240V ~
Frequency:	50Hz
Power consumption:	950W

HIGH VOLTAGE | ROTATING PARTS

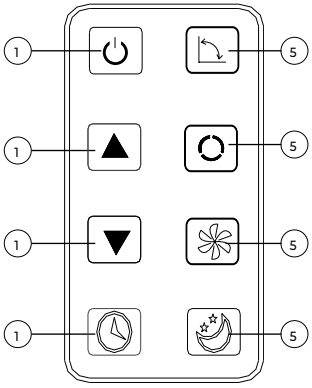
Control Panel Keys:

1. Indicator Lights & LED Display
2. Time/Temp up
3. Time/Temp Down
4. Sleep/Child Lock Button
5. Swing Button
6. Timer Button
7. Mode Button
8. Speed Button
9. Power Button



Remote Control Keys:

1. Power
2. Increase Temperature/ Timer
3. Decrease Temperature/ Timer
4. Timer
5. Swing
6. Mode
7. Fan Speed
8. Sleep Mode



Important Safety Information:

- ⚠WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions listed below may result in electric shock, fire and/or serious injury.
- Read this manual carefully before using the appliance.
- The intended use is described in this manual.
- The use of any accessory or attachment or the performance of any operation with this appliance other than those recommended in this instruction manual may present a risk of personal injury.
- Retain this manual for future reference.
- ⚠WARNING: When using mains-powered appliances, basic safety precautions, including the following, should always be followed to reduce the risk of fire, electric shock, personal injury and material damage.

Using Your Appliance

- Please read the operating instructions carefully before using your air conditioner for the first time.
- Check that the voltage of the main circuit corresponds with the rating of the appliance before operating.
- Children shall not play with the appliance.
- Do not let the cable hang over the edge of a table or counter or let it come into contact with any hot surfaces.
- The use of accessory attachments is not recommended by the appliance manufacturer, apart from those supplied with this product.
- Do not pull the plug out by the cable as this may damage the plug and/or the cable.
- Do not use this product for anything other than its intended use.
- This appliance is for household use only.

- Do not carry the appliance by the power cable.
- Do not use the appliance outdoors.
- Do not operate with wet hands.
- Use of an extension cable with this appliance is not recommended. However, if it is necessary to use an extension lead, ensure that the lead is suited to the power consumption of the appliance to avoid overheating of extension cable, appliance or plug point. Do not place the extension cable in a position where it can be pulled on by children or animals or tripped over.
- Always unplug the unit when not in use or before cleaning.
- The manufacturer does not accept responsibility for any damage or injury caused by improper or incorrect use, or for repairs carried out by unauthorised personnel.

Safety Of Others

- Close supervision is necessary when any appliance is used by or near children.
- Children should not play with the appliance.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Cleaning and user maintenance should not be undertaken by children without supervision.
- Take care when any appliance is used near pets.
- Do not allow the cord to become twisted.

After Use

- While cleaning, DO NOT use a wet cloth or use water on any part of the unit, as this may cause a short circuit or electrical shock.
- Keep this unit clean. Do not allow objects to enter the ventilation opening as this may cause electric shock, or damage to the unit. Switch off the unit and then remove the plug from the socket when not in use or before cleaning.

- Check all inlets and outlets regularly for accumulated dust

- Disconnect the unit from mains outlet when it is not in use, or before relocating or cleaning it.

- Switch off and remove the plug from the socket before leaving the appliance unattended and before changing, cleaning or inspecting any parts of the appliance.

- When not in use, the appliance should be stored in a dry place. Children should not have access to stored appliances.

Inspections And Repairs

- Do not attempt to dismantle, repair or remould any part of the unit. This should only be done by a qualified service agent. Even the change of power cable should be done by a qualified person.

- In the unlikely event the appliance develops a fault, stop using it immediately and seek advice from the manufacturer.

- In case of technical problems, switch off the product and do not attempt to repair it yourself. Return the appliance to an authorised service facility for examination, adjustment or repair. Always insist on the use of original spare parts. Failure to comply with the above mentioned precautions and instructions, could affect the safe operation of this product.

Additional safety instructions for Air conditioners and Fans

- Install the unit on flat and hard floor to diminish vibration or noise.

- Always operate the appliance on a smooth, even, stable surface. Do not place the unit on a hot surface.

- Ensure that the unit is switched off after use.

- Do not immerse cables, plugs or any part of the appliance in water or any other liquid.

- Operate the unit only at the voltage specified.

- Do not use the unit near open windows, as contact with rain and other natural elements could cause an electrical hazard.

- Do not use the unit in swimming pools, washrooms, in similar wet areas or damp or humid environments.

- Do not use the unit in dusty areas or in direct sunlight.
- Do not put heavy objects on the appliance.
- Do not tip the unit on its side.
- Never insert any other object into the unit body to avoid any hazard or unit failure.
- Do not put the unit close to heat-generating devices or near flammable and dangerous materials.
- If the supply cable is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard
- The appliance must be positioned so that the plug is accessible.
- Leave the unit to stand for at least 2hours before connecting to the mains supply after transport or when it has been tilted (e.g. during cleaning).
- Allow at least a 30cm clear distance around the unit.
- Do not place objects on or cover the unit or restrict the air inlets/outlet.
- ⚠WARNING: Do not place the unit on or near a hot gas electric burner.
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- Safety relating to refrigerant R290:
- These symbols on your device mean:
- This appliance is filled with Propane gas R290. ALWAYS follow the manufacturer's instruction concerning use and repairs.
- Read the entire instruction manual carefully before attempting to use the appliance.
- Do not install, operate or store the device in a room smaller than 10m2.

- Read these warnings carefully.
- This appliance contains the refrigerant R290. R290 is a refrigerant that complies with the relevant European Directives. Never perforate the refrigerant circuit.

CAUTION: R290 is flammable (GWP3)!

- DO NOT use any processes to clean the unit or accelerate the defrosting process, other than those recommended by the manufacturer.
- DO NOT store the appliance in a room containing other continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
- DO NOT pierce or burn any of the components of the cooling circuit of the unit. DO NOT set the unit on fire.
- Take care to store the appliance in such a way as to prevent mechanical faults or damage from occurring.
- DO NOT install, operate or store the appliance in a room with a floor area of less than 10m2.
- Be aware that the refrigerant may be odourless, and that leaks may not be detectable by smell.
- ALWAYS take care to comply with national gas regulations.
- Keep ventilation openings clear of obstruction.
- Store the appliance in a well-ventilated area where the room size corresponds to the room area specified for operation.
- Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorises their competence to handle refrigerants safely in accordance with an industry recognised assessment specification.
- Servicing shall only be performed on the grounds recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.
- ⚠WARNING: Do not place the unit on or near a hot gas electric burner.

Electrical safety

- Before use, check that the mains voltage corresponds to the voltage on the rating plate.
- This product must be earthed. Always check that the mains voltage corresponds to the voltage on the rating plate.
- Appliance plugs must match the outlet. Never modify the plug in any way.
- Do not use any adaptor plugs with earthed (Class 1) appliances. Unmodified plugs and matching outlets will reduce the risk of electric shock.
- To avoid the risk of electric shock, do not immerse the cord, plug or appliance in water or other liquid.

Extension cables & class 1 product

- A 3 core cable must be used as your tool is earthed and of class 1 construction.
- Up to 30m (100 ft) can be used without loss of power.
- If the supply cord is damaged, it must be replaced by the manufacturer or an authorised BLACK+DECKER Service Centre in order to avoid a hazard.
- Warning! Before assembling, switch the appliance off and remove the plug from the socket.
- DO NOT drink the water.
- Do not eat the ice that may form on the ice packs.
- Warning: DO NOT open the ice pack. The liquid inside the ice packs can be harmful to health. Keep away from children and animals. If the liquid is swallowed, seek immediate medical attention. If the liquid comes into contact with your eyes, rinse with water and seek immediate medical attention.
- The device is equipped with an overheating protection that switches off the unit in case of overheating. Avoid exposure to direct or reflected germicidal ultraviolet rays. These rays are harmful to the eyes and skin.

Battery Safety

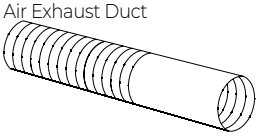
- ⚠WARNING: Danger of explosion if battery is incorrectly replaced.
- ⚠WARNING: DO NOT INGEST BATTERY; CHEMICAL BURN HAZARD. This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
- Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- If the coin cell battery contents come into contact with the skin, immediately wash area with mild soap and water. If coin cell battery liquid gets into the eye, rinse water over the open eye for 15 minutes or until irritation ceases. If medical attention is needed, the battery electrolyte is composed of an organic solvent and lithium salts.
- Do not incinerate or dispose of tool together with household waste material! Tool that has reached the end of its life must be collected separately and returned to an environmentally compatible recycling facility.
- In the unlikely event the appliance develops a fault, stop using it immediately and seek advice from the Customer Support Team.

Before First Use:

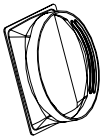
1. Read all instructions and safety information carefully before first use.
2. Retain this information for future reference.
3. Remove your appliance from the packaging and check for any visible signs of damage.
4. Your appliance is now ready for normal use.
5. Dispose of the packaging in a responsible manner.

Installing the Exhaust Hose and Adapter:

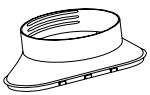
Air Exhaust Duct



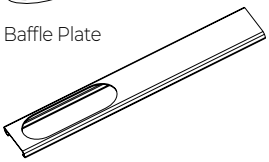
Air Exhaust Connector



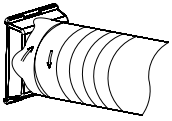
Window Exhaust Adapter



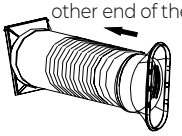
Baffle Plate



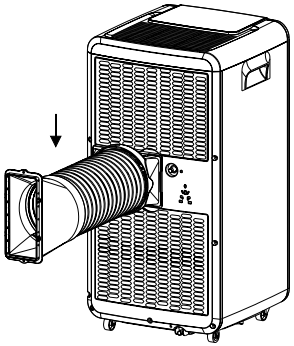
1. Select the best location for the unit – next to a window or door.
2. Keep the require distance from the air outlet to the wall or other obstacles of at least 60cm.
3. Screw the air exhaust duct into the air exhaust connector.



4. Screw the window exhaust adapter to the other end of the air exhaust duct.



5. Slide the air exhaust duct connector into slots at the back of the unit with the release latch to the left, until it audibly locks in to place.



6. Extend the air exhaust duct as required to ensure the end reaches the window or door.
7. Place the baffle plate in the window/ door opening and attach the window exhaust adapter to it.
8. Ensure the air outlet and in take vents are not blocked.

Using the Remote Control:

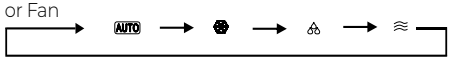
1. The remote control must face, and be within 5 meters of, the receiver. If the remote control does not face the receiver, its scope of use will be reduced.
2. Do not place any barrier between the receiver and the remote control.
3. Remove the battery and store safely when the remote control is not to be used for an extended period of time.

Turning Your Appliance ON or OFF:

1. Plug the unit it in and switch on at the mains socket. There will be an audible signal and the unit will enter stand-by.
2. Press the Power key to turn the unit ON. The LED will display the room temperature, the horizontal louvres will open and the unit will operate in Automatic Mode.
3. To turn the unit off, to standby, press the Power key again. There will be an audible signal and the display will go off. The horizontal louvres will close after a few seconds.

Selecting Operating Modes:

Press the Mode key to cycle through and select the desired mode: Automatic, Cooling, Dehumidifying or Fan



The corresponding icon will illuminate on the control panel.

Automatic Mode:
In Automatic Mode the unit's sensors operate to select the required operating mode; Cooling or Fan. When the room temperature is greater than or equal to 24°C, the unit will automatically select Cooling Mode.
When the room temperature is less than 24°C, the unit will automatically select Fan Mode.

Cooling Mode:
In Cooling Mode, when the room temperature is:
- Higher than the set temperature, the compressor starts to run.
- Lower than the set temperature, the compressor stops and upwards fan will operate at the original speed set.

Dehumidifying Mode:
- In Dehumidifying Mode the upwards fan will run at low speed. The fan speed cannot be adjusted.
- The compressor and the downward fan will stop running after 8 minutes and then run again after 6 minutes.
- The unit will adopt a constant dehumidifying operation. The temperature cannot be adjusted.

Fan Mode:
- In Fan Mode the upwards fan runs at the speed set and the compressor and downward fan do not operate.
- The temperature cannot be adjusted.

Temperature Selection:
- Set the temperature within a range of 15°C to 31°C. Press the increase/ decrease keys to change the temperature in increments of 1°C.
- The LED will display the selected temperature for 5 seconds before reverting to the room temperature.

Air Speed Selection:
- Press the fan speed key to cycle through and select the 2 speed options: Low and High. The corresponding icon will illuminate on the control panel.

Timer:
- Press the Timer key to set the time when the unit will automatically turn on or off.
- Whilst the unit is running press the Timer key to set a time for the unit to turn off.
- Whilst the unit is in standby press the Timer key to set a time for the unit to start operating.
- When the Timer key has been pressed, adjust the time as required within a range of 1 hour to 24 hours. Press the increase/ decrease keys to adjust the time in increments of 1 hour.

Swing:
- Press the Swing key to activate the 120 degree oscillation of the horizontal louvres. The swing icon will illuminate.
- Press the key again to deactivate the swing function. The swing icon will go off.

NOTE: The internal vertical louvres can also be adjusted manually by moving the central tab on the louvres side to side.

Sleep Function:
- The Sleep Function can be activated when the unit is operating in Cooling Mode. The upwards fan will automatically operate at low speed. The set temperature will increase 1°C after one hour, and increase 2°C after two hours. After six hours, the unit will stop running. To activate this function:
  1. Select Cooling Mode.
  2. Press the Sleep Function key.
- The Sleep icon will illuminate.
- To cancel the function, press the Sleep key again. The sleep icon will go off.

Child Lock:
- Press the Sleep function key for 3 seconds to activate the child lock. Whilst the child lock is set all keys will not operate and therefore functions cannot be changed. The lock icon will illuminate.
- Press the Sleep function key again for 3 seconds to deactivate the child lock. The lock icon will go off.

NOTE: This function can only be activated/ deactivated on the control panel and not via the remote control.

Memory Function:
- When the unit is turned back ON from stand by, it will revert to the previously selected settings from its memory (excluding the AUTO mode and Timer function).

Protection:
- The protection device within the unit may activate and stop the unit operating in the following circumstances:
- Cooling
  Indoor air temperature is over 43°C
  Room temperature is below 15°C
- Dehumidifying
  Room temperature is below 15°C
- In this event, wait 3 minutes before restarting the unit.

Troubleshooting

Problem	Possible Solution
Unit will not operate	The Protection function may have activated. Wait for 3 minutes before attempting to restart the unit. Ensure the unit is plugged in and switched on. The remote control batteries may be depleted.
Unit stops after a short operating time	The set temperature may have been reached. The difference between the room temperature and set temperature may need increasing. Check the air inlets and outlets are not obstructed. The set Timer may have finished.
Unit is not cooling	Ensure doors and windows are closed. Ensure a heat generating appliance is not operating. Check the air filter is clean. Check the air inlets and outlets are not obstructed. Ensure that the set temperature is not too high. The room temperature is lower than the set temperature. The anti-frost protection has activated.
Water leaks from the unit	Drain the condensation. Ensure the unit is placed on a flat surface. If air humidity is above 80% and the air conditioner is operating in COOLING or FAN mode with a door or window open for a long period, water may drip from the unit.
Unit is not running and 'E2' is showing in the display	The room temperature sensor has failed – contact the service centre.
Unit is not running and 'E3' is showing in the display	The evaporator sensor has failed – contact the service centre.
Unit is not running and 'E4' is showing in the display	Remove the plug and drain the unit. Contact the service centre if this happens regularly

Cleaning and Maintenance:

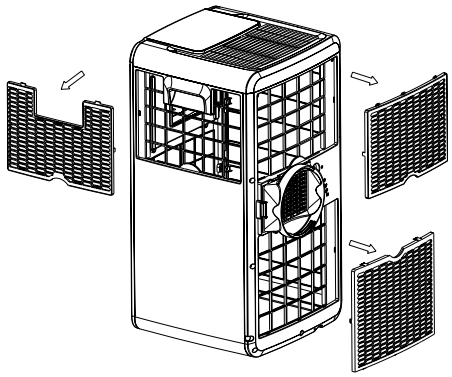
WARNING: Before cleaning and maintenance, switch the appliance off and remove the plug from the socket, to prevent electric shock.

- Do not immerse any part of the appliance, power cord or plug in liquids.
- Use a soft damp cloth to wipe the surface. Avoid using abrasives, detergent, spray or chemicals as these may cause damage to the appliance.
- Do not allow objects to enter the ventilation opening as this may cause electric shock, or damage to the unit.
- Check all inlets and outlets regularly for accumulated dust.
- WARNING: DO NOT allow water or steam to enter any part of the appliance, as this could cause it to malfunction.
- DO NOT attempt to dismantle, repair or remould any part of the unit including the power cable. This should only be done by a qualified service agent using original spare parts. Failure to comply with the above mentioned precautions and instructions, could affect the safe operation of this product.

Cleaning the Air Filter:

Clean the air filter after each cycle of approximately 100 hours running time. However, if the unit operates in a particularly **dusty environment** clean the filter every two weeks.

1. Remove the air filter.
2. Wash the filter in lukewarm soapy water.
3. Allow the filter to fully dry naturally.
4. Reinstall the dry filter.



Draining the Inbuilt Water Tank:
NOTE: There is condensing water recycling within this unit. The condensing water is partly kept recycling between the condenser and the water plate.
When the water level rises to the upper level, the float switch and water full indicator (E4) lights will illuminate to advise that the water should be drained.
Switch off the appliance, unplug and move the unit to a suitable place, before removing the lower drain plug.
Drain the water completely. Once drained, re-install the plug.

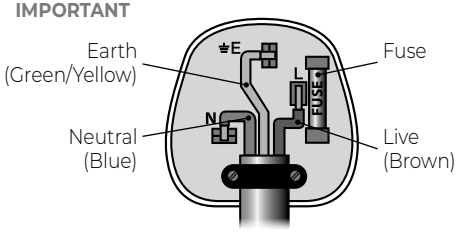
Storage
Before storing the unit:
1. Remove the water plugs and allow the unit to drain.
2. Run the appliance with the fan only operating for approximately half a day to dry the appliance inside and prevent mold from forming.
3. Clean, dry and reinstall the air filter.
4. Remove the exhaust duct and cover the hole on the unit tightly.

Observe the following storage conditions:
- When not in use, the appliance should be stored in a cool, dry place.
- Children should not have access to stored appliances.
- Protect from frost and heat, direct sunlight and dust (use a cover to protect it from invasive dust if necessary).
- Store in an upright position.
- DO NOT place other devices or objects on top of the unit to prevent it from being damaged.
- Remove batteries from the remote control.

Model Identifier(s): PT670001			
Data	Symbol	Value	Unit
Output power for cooling	Prated	2.612	kW
Output power for heating	Prated	-	kW
Power input for cooling	PEER	0.967	kW
Power input for heating	PCOP	-	kW
Thermostat-off mode power consumption	PTO	-	W
Standby mode power consumption	LWA	0.45	W
OFF mode power consumption	POFF	-	W
Crankcase heater mode power consumption	PCK	-	W
Energy efficiency ratio	EERrated	2.70	
Coefficient of performance	COPrated	-	
Electricity consumption of single duct appliance	QSD	0.991	kWh/h
Electricity consumption of double ducts appliance	QSD	-	kWh/h
Sound power level (indoor)	LWA	60.7	dB(A)
Contact Details:	Imported by RK Wholesale LTD, Berryhill Road, Stoke-on-Trent ST4 2NL		

Wiring Safety for UK Use Only

IMPORTANT



As the colours in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, please proceed as follows:

The wires in the mains lead are labelled in accordance with the following code:

Blue neutral [N] Brown live [L] Green/ Yellow [EARTH]

Plug Fitting Details (Where Applicable).
The wire labelled blue is the neutral and must be connected to the terminal marked [N].

The wire labelled brown is the live wire and must be connected to the terminal marked [L].

The wire labelled green/yellow must be connected to the terminal marked with the letter [E].

On no account must either the brown or the blue wire be connected to the [EARTH] terminal.

Always ensure that the cord grip is fastened correctly.

The plug must be fitted with a fuse of the same rating already fitted and conforming to BS 1362 and be ASTA approved.

If in doubt consult a qualified electrician who will be pleased to do this for you.

Non-Rewireable Mains Plug.
If your appliance is supplied with a non-rewireable plug fitted to the mains lead and should the fuse need replacing, you must use an ASTA approved one (conforming to BS 1362 of the same rating).

If in doubt, consult a qualified electrician who will be pleased to do this for you.

If you need to remove the plug - disconnect it from the mains - then cut it off of the mains lead and immediately dispose of it in a safe manner. Never attempt to reuse the plug or insert it into a socket outlet as there is a danger of an electric shock.

WARNING:
This appliance MUST be earthed!

DISPOSAL OF THE UNIT

Appliances bearing the symbol shown here may not be disposed of in domestic rubbish. You are required to dispose of old electrical and electronic appliances like this separately.

Please visit www.recycle-more.co.uk or www.recyclenow.co.uk for access to information about the recycling of electrical items.

Please visit www.weeeireland.ie for access to information about the recycling of electrical items purchased in Ireland.

The WEEE directive, introduced in August 2006, states that all electrical items must be recycled, rather than taken to landfill.

Please arrange to take this appliance to your local Civic Amenity site for recycling, once it has reached the end of its life.

Presto by TOWER®

thank you!

We hope you enjoy your appliance for many years.

This product is guaranteed for 12 months from the date of original purchase.
If any defect arises due to faulty materials of workmanship, the faulty products must be returned to the place of purchase.
Refund or replacement is at the discretion of the retailer.

The Following Conditions Apply:
The product must be returned to the retailer with proof of purchase or a receipt.
The product must be installed and used in accordance with the instructions contained in this instruction guide.
It must be used only for domestic purposes.
It does not cover wear and tear, damage, misuse or consumable parts.
Tower has limited liability for incidental or consequential loss or damage.
This guarantee is valid in the UK and Eire only.

The standard one year guarantee is only extended to the maximum available for each particular product upon registration of the product within 28 days of purchase. If you do not register the product with us within the 28 day period, your product is guaranteed for 1 year only.

To validate your extended warranty, please visit
www.towerhousewares.co.uk and register with us online.

Please note that length of extended warranty offered is dependent on product type and that each qualifying product needs to be registered individually in order to extend its warranty past the standard 1 year.
Extended warranty is only valid with proof of purchase or receipt.
Your warranty becomes void should you decide to use non Tower spare parts.
Spare parts can be purchased from
www.towerhousewares.co.uk

Should you have a problem with your appliance, or need any spare parts, please call our Customer Support Team on:

+44 (0) 333 220 6066

2* YEAR GUARANTEE

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